IN THE CLAIMS

Please cancel claims 1-5, 8-19, and 22-25.

The complete claim listing is as follows:

1-5. (Cancelled)

16. (Original) A method of analyzing an input signal into a plurality of frequency components comprising:

processing the signal with a first low pass filter to produce a first low pass filtered signal;

subtracting the first low pass filtered signal from the input signal to derive a first frequency component;

processing the signal with a second low pass filter to produce a second low pass filtered signal; and

subtracting the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

2 17. (Original) A method of analyzing an input signal into a plurality of frequency components comprising:

processing the signal with a first low pass filter to produce a first low pass filtered signal;

subtracting the first low pass filtered signal from the input signal to derive a first frequency component;

processing the low pass filtered signal with a second low pass filter to produce a second low pass filtered signal; and

subtracting the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

A Cont [8-19. (Cancelled)

3 ~~20.~~ (Original) A system for analyzing an input signal into a plurality of frequency components comprising:

a first low pass filter that outputs a first low pass filtered signal;

a first processor configured to subtract the first low pass filtered signal from the input signal to derive a first frequency component;

a second low pass filter that outputs a second low pass filtered signal; and

a second processor configured to subtract the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

4 ~~21.~~ (Original) A system for analyzing an input signal into a plurality of frequency components comprising:

a first low pass filter that outputs a first low pass filtered signal;

a first processor configured to subtract the first low pass filtered signal from the input signal to derive a first frequency component;

A Cont a second low pass filter configured to process the low pass filtered signal to produce a second low pass filtered signal; and

a second processor configured to subtract the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

22-25. (Cancelled)